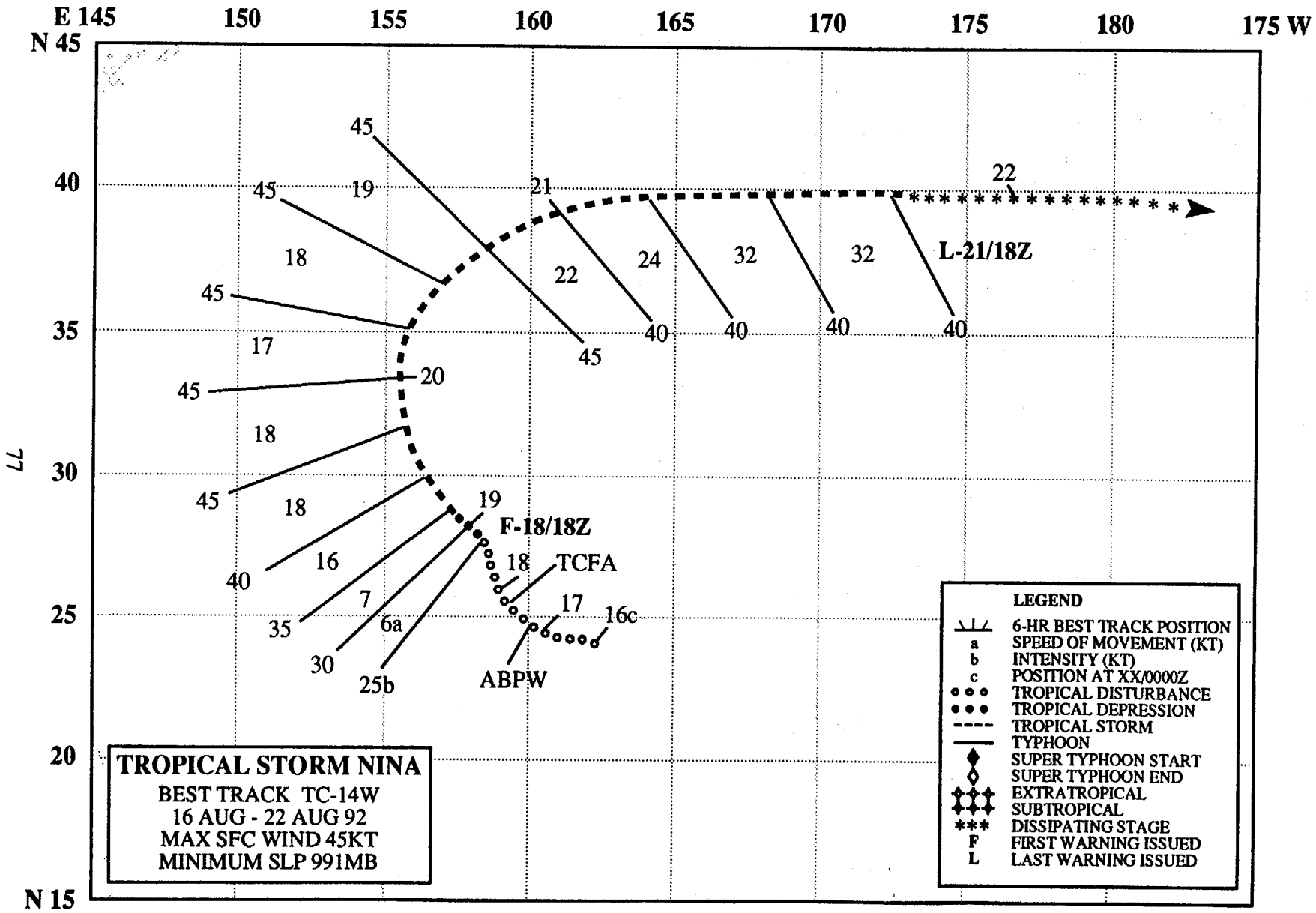
E 145
150
155
160
165
170
175
180
175 W
N 45
40
35
30
25
20
N 15
77
45
45
19
21
22
18
22
24
32
32
L-21/18Z
45
40
40
40
40
17
45
20
45
18
45
18
19
F-18/18Z
40
16
18
TCFA
7
17
16c
35
6a
30
25b
ABPW
TROPICAL STORM NINA
BEST TRACK TC-14W
16 AUG - 22 AUG 92
MAX SFC WIND 45KT
MINIMUM SLP 991MB
LEGEND
6-HR BEST TRACK POSITION
a SPEED OF MOVEMENT (KT)
b INTENSITY (KT)
c POSITION AT XX/0000Z
TROPICAL DISTURBANCE
TROPICAL DEPRESSION
TROPICAL STORM
TYPHOON
SUPER TYPHOON START
SUPER TYPHOON END
EXTRATROPICAL
SUBTROPICAL
*** DISSIPATING STAGE
F FIRST WARNING ISSUED
L LAST WARNING ISSUED

TROPICAL STORM NINA (14W)

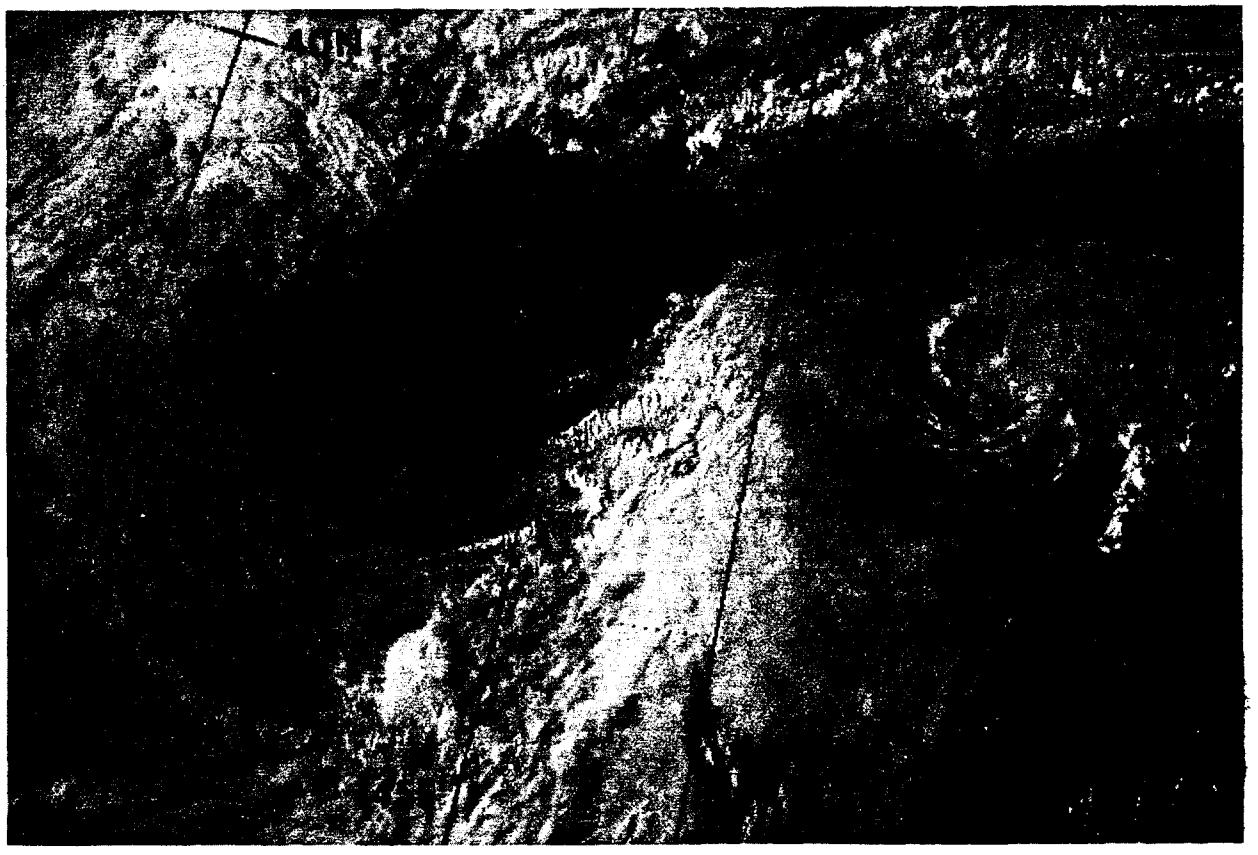

Figure 3-14-1. Tropical Storm Nina at peak intensity is separated from Lois (12W) by a broad band of monsoon cloudiness (200658Z August DMSP visual imagery).

Nina was part of a four storm outbreak in August with Kent (11W), Lois (12W) and Mark (13W). Forming as a TUTT-induced tropical cyclone under the divergent outflow from Kent (11W), Nina intensified to a peak intensity of 45 kt (23 m/sec) despite the strong vertical wind-sheared environment. Later, and most probably due to the persistence of relatively low pressure near its center, Nina became the extreme eastern end of the monsoon trough that extended east-northeastward from the South China Sea. Due to this tropical cyclone's sharp recurvature and unseasonably rapid acceleration, track errors for the three 72-hour forecasts were quite high, ranging from 450 to 880 nm (835 to 1630 km). Lois remained over open ocean for its entire life, threatening only mariners.

TROPICAL STORM NINA (14W)

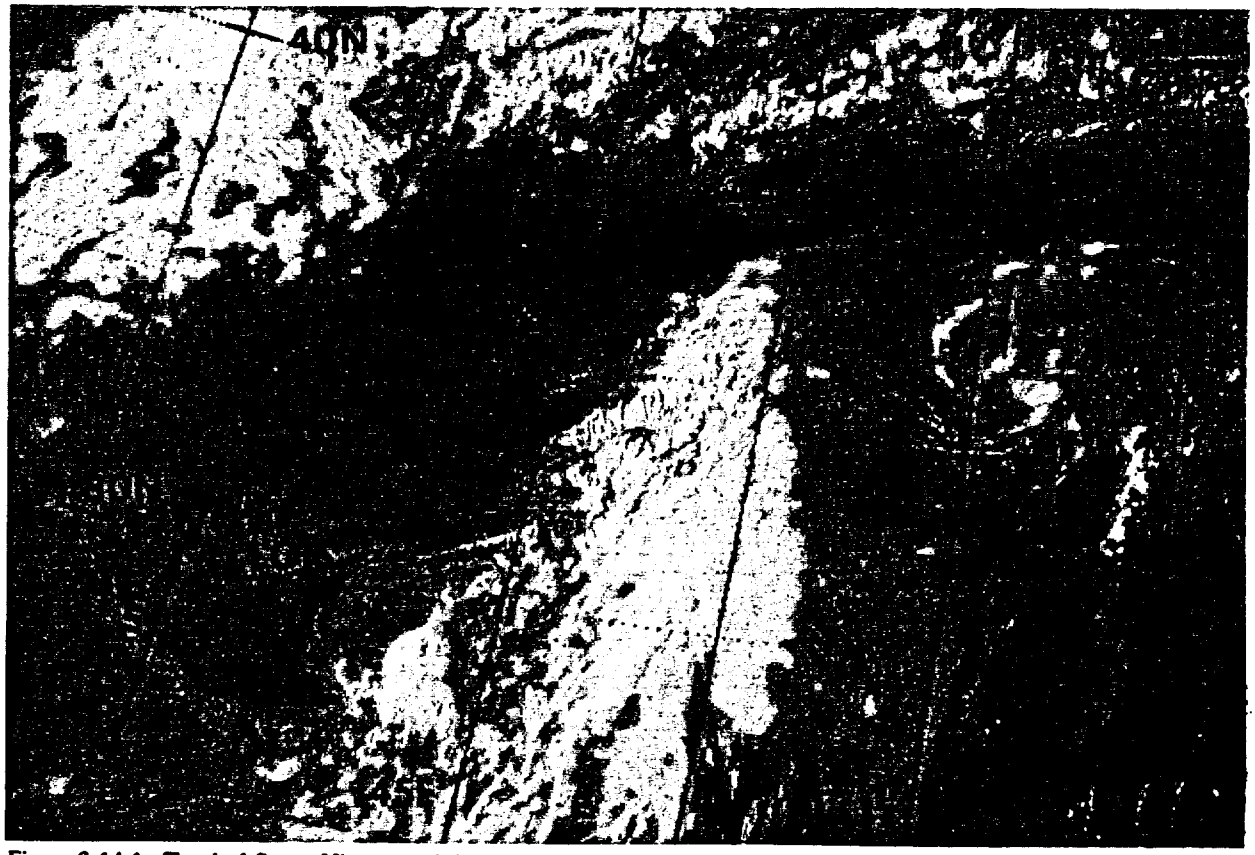

Figure 3-14-1. Tropical Storm Nina at peak intensity is separated from Lois (12W) by a broad band of monsoon cloudiness (200658Z August DMSP visual imagery).

Nina was part of a four storm outbreak in August with Kent (11W), Lois (12W) and Mark (13W). Forming as a TUTT-induced tropical cyclone under the divergent outflow from Kent (11W), Nina intensified to a peak intensity of 45 kt (23 m/sec) despite the strong vertical wind-sheared environment. Later, and most probably due to the persistence of relatively low pressure near its center, Nina became the extreme eastern end of the monsoon trough that extended east-northeastward from the South China Sea. Due to this tropical cyclone's sharp recurvature and unseasonably rapid acceleration, track errors for the three 72-hour forecasts were quite high, ranging from 450 to 880 nm (835 to 1630 km). Lois remained over open ocean for its entire life, threatening only mariners.